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## UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.			8947-000074/US						
First In	First Inventor		YOUNG-DOUG KIM, et al.						
Title			, A SYSTEM AND A METHOD FOR GENERATING A ANT SIGNAL						

(Only for r	new nonprovisiona	al applications un	der 37 C.F.R.	1.53(b)) E	Express Mail	Label No.	N/A			
See MPEP o	APPL	LEMENTS		ADDRESS TO:  Assistant Commissioner for Patents Box Patent Application Washington, DC 20231						
1. \( \) \(	Fee Transmittal Submit an original at Applicant claims See 37 CFR 1.2 Specification preferred arrange Descriptive title of Cross Reference Statement Regar Reference to seq or a computer pro	Form (e.g., PT and a duplicate for fe is small entity st it. ment set forth be if the Invention is to Related App ding Fed sponso quence listing, a to orgam listing app	TO/SB/17) e processing) eatus. (Total Pages elow) tications red R & D able,	8. Nucl (if ap a.	<ol> <li>CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)</li> <li>Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)</li> <li>Computer Readable Form (CRF)</li> <li>Specification Sequence Listing on:         <ol> <li>CD-ROM or CD-R (2 copies); or</li> <li>paper</li> </ol> </li> </ol>					
- - -	Background of th Brief Summary of Brief Description Detailed Descript Claim(s) Abstract of the Di	f the Invention of the Drawings tion	( if filed)		9. 🛭 10. 🗆	37 C.F.R. (when the	§3.73 ere is	3(b) Statem an assigne	ee) Attorney	
4. 🛛 D	Prawing(s) (35 L Declaration	J.S.C.113)	[Total Sheet Total Pages		11. 🗌	Informatio	n Dis		ment (if applicable)  Copies of IDS Citations	
b. 🗆	Newly execute Copy from a pr (for a continua) DELETION Signed stateme	copy) (37 CFR 1.6 with Box 18 o DR(S) ing inventor(s)	63 (d)) completed)	13.	<ul> <li>14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</li> <li>15. Certified Copy of Priority Document(s) (if foreign priority is claimed)</li> <li>16. Request and Certification under 35 U.S.C. 122</li> </ul>					
6. <b> A</b> pp	1.63(d)(2) and oblication Data S				17. 🗆	(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  17.  Other:				
or in an App Conti Prior app For CONTIN under Box 5	olication Data Sh nuation [ olication information IUATION or DIVIS	leet under 37 Cl  ☐ Divisional  on: Exan  SIONAL APPS of I a part of the di	FR 1.76:  Contininer  nly: The entiresclosure of the	nuation-in-part e disclosure de accompany	(CIP) of the prior a	of pi <i>Grot</i> pplication, f onal applica	rior ap up / Ai rom v tion a	plication No: t Unit: which an oa: and is hereb	preliminary amendment,  the or declaration is supplie y incorporated by referency polication parts.	
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Country	United States	of America	none	703-668-8000 Fax			Fax	703-668-8200		
Name (Print/Type) John A. Castellano						n No. (Attor	ney/A	Agent)	35,094	
Signature	Signature							Date	December 17, 2003	

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PTO/SB/17 (10-01)
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121703	\(\text{S}\)	FEE TRANSMITTAL		Complete if Known
2		for FY 2003	Application Number	NEW
3	Ħ	101112000	Filing Date	December 17, 2003
	7		Inventor(s)	YOUNG-DOUG KIM, et al.
===	ਰੋ	Patent fees are subject to annual revision.	Examiner Name	UNASSIGNED
	$\neg$		Group / Art Unit	LINASSIGNED

TOTAL AMOUNT OF PAYMENT (\$) 1,130.00					Attorn	Attorney Docket No.			8947-000074/US			
	METHOD O	F PAYME	NT (check one)					FEE C	ALCULATION (continued)			
1.			s hereby authorized redit any over paym		3. AD	DITIONAL Large Entity Fee	Fee	Small Entity Fee		Fee		
Deposit Account	08-0750				Code	(\$)	Code	(\$)	Fee Description	Pald		
Number					1051	130	2051	65	Surcharge - late filing fee or oath			
Deposit					1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.			
					1053	1053	1053	130	Non-English specification			
Name					1812	2,520	1812	2,520	For filing a request for reexamination			
Under 3	Any Additional F 7 CFR 1.16 and	11.17			1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			
See 37	nt claims small e CFR 1.27	entity statu	is.		1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action			
2. 🛛 Paym	ent Enclosed:				1251	110	2251	55	Extension for reply within first month			
Check     Check	☐ Credit c	ard [	Money  Order	Other	1252	420	2252	210	Extension for reply within second month			
					1253	950	2253	475	Extension for reply within third month	· · · · · ·		
1. BASIC F	ILING FEE	E CALCUI	LATION		1254	1,480	2254	740	Extension for reply within fourth month			
	Small Entit	ty			1255	2,010	2255	1,005	Extension for reply within fifth month			
Fee Fee	Fee Fee	Fee D	escription		1401	330	2401	165	Notice of Appeal			
Code (\$)	Code (\$)			Fee Paid	1402	330	2402	165	Filing a brief in support of an appeal			
1001 770	2001 385	Utility	filing fee	770	1403	290	2403	145	Request for oral hearing			
1002 340 1003 530	2002 170 2003 265	•	n filing fee filing fee		1451	1,510	1451	1,510	Petition to institute a public use proceeding			
1004 770	2004 385	Reiss	ue filing fee		1452	110	2452	55	Petition to revive – unavoidable			
1005 160	2005 80	Provis	sional filling fee		1453	1,330	2453	665	Petition to revive - unintentional			
					1501	1,330	2501	665	Utility issue fee (or reissue)			
	SUBTO	TAL (1)		(\$) 770	1502	480	2502	240	Design issue fee			
2. EXTRA CLA	IM FEES				1503	640	2503	320	Plant issue fee			
		Extra		Fee	1460	130	1460	130	Petitions to the Commissioner			
Fatal Claims 0	2 00 **	Clair	ns below X 18	Paid	1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)			
otal Claims 3		= 13	x 86	= 234	1806	180	1806	180	Submission of Information Disclosure Stmt			
Claims 4 Multiple Dependent		- L <u>'</u>		= 0	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40		
Large Entit	•	ntity			1809	770	2809	385	Filing a submission after final rejection (37 CFR § 1.129(a))			
Fee Fee Code (\$)	Code (	<b>&gt;</b> }	Description		1810	770	2810	385	For each additional invention to be examined (37 CFR § 1.129(b))			
1202 18	2202 9		ims in excess of 20		1801	770	2801	385	Request for Continued Examination (RCE)			
1201 86 1203 290			ependent claims in									
1203 290 1204 86		.a ** F	ltiple dependent cla Reissue independen	•	1802	900	1802	900	Request for expedited examination of a design application			
1205 18	2205 9	. ** F	ginal patent Reissue claims in ex er original patent	cess of 20 and	Other fo	ee (specif	·v)					
		SUBTO	TAL (2) (\$) 320					- Ea - C	SIJ CHRTOTAL (A)			
**a. n. mba. a.a.	and and if are	stor For D	eissues see ahove		Hedu	ced by Ba	ISIC FIIIN	g <b>-</b> 00 Pa	aid SUBTOTAL (3) (\$) 40			

SUBMITTED BY					$T_{-}$	//		Con	nplete (if applicable)	
Name (Print/Type)	John A. Castellano	Registr	ation		At	omey/Agent)	35,094	Telephone	703-668-8000	
Signature		///	Λ		1	1		Date	December 17, 2003	

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